

PATENT
674509-2020**ABSTRACT OF THE DISCLOSURE**

A process for preparing an anti-oxidant is described. The process comprises preparing a medium that comprises an anti-oxidant and at least one other component. The process comprises preparing *in situ* in the medium the anti-oxidant. The anti-oxidant is prepared from either a glucan by use of recombinant DNA techniques and/or by use of recombinant glucan lyase.